HE

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Larry Gold Craig Tuerk
- (ii) TITLE OF INVENTION: Nucleic Acid Ligands
- (iii) NUMBER OF SEQUENCES: 374
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Swanson & Bratschun, L.L.C.
 - (B) STREET: 1745 Shea Center Drive, Suite 330
 - (C) CITY: Highlands Ranch
 - (D) STATE: Colorado
 - (E) COUNTRY: USA
 - (F) ZIP: 80129
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MG storage
 - (B) COMPUTER: IBM compatible
 - (C) OPERATING SYSTEM: MS-DOS
 - (D) SOFTWARE: WordPerfect 8.0
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/
 - (B) FILING DATE: October 18, 2001
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/502,344
 - (B) FILING DATE: February 10, 2000
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 09/143,190
 - (B) FILING DATE: August 27, 1998
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/469,609
 - (B) FILING DATE: June 6, 1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/428,964
 - (B) FILING DATE: April 25, 1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/412,110
 - (B) FILING DATE: March 27, 1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/409,442
 - (B) FILING DATE: March 24, 1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 07/714,131
 - (B) FILING DATE: June 10, 1991
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 07/536,428
 - (B) FILING DATE: June 11, 1990
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Barry J. Swanson
 - (B) REGISTRATION NUMBER: 33,215

	(C) REFERENCE/DOCKET NUMBER: NEX01/C8(ix) TELECOMMUNICATION INFORMATION:(A) TELEPHONE: (303) 268-0066(B) TELEFAX: (303) 268-0065	
(2)	 (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1: 	
NNNC	GNAANU CGNNN	15
(2)	<pre>INFORMATION FOR SEQ ID NO:2: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
AAGU	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	15
(2)	<pre>INFORMATION FOR SEQ ID NO:3: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:</pre>	
AAGU	JCCGUAA CACAC	15
(2)	<pre>INFORMATION FOR SEQ ID NO:4: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:</pre>	
m	CACGACT CACTATAGGG AGCCAACACC ACAATTCCAA TCAAG	45
TAAT	ACGACI CACIAIAGGG AGCCAACACC ACAAIICCAA ICAAG	43
(2)	<pre>INFORMATION FOR SEQ ID NO:5: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single</pre>	

	(xi)	(D) TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:5:	
GGGCT	AAATAT	A CTAAGGAATA TCTATGAAAG	30
	(i)	RMATION FOR SEQ ID NO:6: SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:6:	
GAATT	rgtggi	GTTGGCTCCC TATAGTGAGT CGTATTA	37
(2)		RMATION FOR SEQ ID NO:7: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:7:	
ATAT	CCTTA	A GTTTATAGCC CNNNNNNNA GGCTCTTGAT TG	42
(2)	(i)	RMATION FOR SEQ ID NO:8: SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:8:	
GTTT	CAATAG	G AGATATAAAA TTCTTTCATA G	31
(2)	INFORM (i)	MATION FOR SEQ ID NO:9: SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:9:	
UUCC	GNNNNN	N NNNCGGGAAA	20

	SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
GTTTCAAT	AG AGATATAAAA TTCTTTCATA G	31
	RMATION FOR SEQ ID NO:11: SEQUENCE CHARACTERISTICS: (A) LENGTH: 91 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:	
	AC ACCACAAUUC CAAUCAAGNN NNNNNNNNNN NNNNNNNNNN NN AUCUAUGAAA GAAUUUUAUC UCUAUUGAAA C	50 91
	RMATION FOR SEQ ID NO:12: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12	
ACGAAACA	AA UAAGGAGGAG GAGGGAUUGU	30
(2) INFO	RMATION FOR SEQ ID NO:13: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:13:	
AGGAGGAG	GA GGGAGAGCGC AAAUGAGAUU	30
	RMATION FOR SEQ ID NO:14: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides	

		(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:14:	
AGG	AGGAGG <i>I</i>	A GGUAGAGCAU GUAUUAAGAG	30
(2)		MATION FOR SEQ ID NO:15: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:15:	
UAA	GCAAGA!	A UCUACGAUAA AUACGUGAAC	30
(2)		MATION FOR SEQ ID NO:16: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:16:	
AGU(GAAAGA(C GACAACGAAA AACGACCACA	30
(2)		MATION FOR SEQ ID NO:17: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:17:	
CCG	AGCAUG	A GCCUAGUAAG UGGUGGAUA	29
(2)		MATION FOR SEQ ID NO:18: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:18:	
UAAU	AAGAGA	A UACGACAGAA UACGACAUAA	30
(2)		MATION FOR SEQ ID NO:19: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:19:	
ACAU(CGAUGA	A CCGGAAUGCC GCACACAGAG	30
(2)		MATION FOR SEQ ID NO:20: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:20:	
CCUC	AGAGCO	G CAAGAGUCGA ACGAAUACAG	30
(2)		MATION FOR SEQ ID NO:21: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:21:	
CUCA	.UGGAG(C GCAAGACGAA UAGCUACAUA	30
(2)	INFORM	MATION FOR SEQ ID NO:22: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:22:	
מר מוז	ICGALIG:	A CCGGAAUGCC GCACACAGAG	30

(2)		SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:23:	
CCU	CAGAGC	G CAAGAGUCGA ACGAAUACAG	30
(2)		MATION FOR SEQ ID NO:24: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:24:	
CGG(GUGAUU	A GUACUGCAGA GCGGAAUGAC	30
(2)		MATION FOR SEQ ID NO:25: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:25:	
UGC	GAUAAG	A CUUGCUGGGC GAGACAAACA	30
(2)		MATION FOR SEQ ID NO:26: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:26:	
AGU	CCACAG	G GCACUCCCAA AGGGCAAACA	30
(2)		MATION FOR SEQ ID NO:27: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid	

				DNESS: si Y: linear				
	(xi)	SEQUE	ENCE DES	CRIPTION:	SEQ I	D NO:27		
ACUC	CAUGGA	G CGCI	JCGACGA	UCACCAUCG	A		3	30
(2)		SEQUE (A) (B) (C)	ENCE CHA LENGTH: TYPE: n STRANDE	Q ID NO:2 RACTERIST 29 nucle ucleic ac DNESS: si	ICS: otides id ngle			
	(xi)	SEQUE	ENCE DES	CRIPTION:	SEQ I	D NO:28:		
CAAC	GGAGA!	A UGU	CUGUAGC	GUCCAGGUA			2	29
(2)		SEQUI (A) (B) (C)	ENCE CHA LENGTH: TYPE: n STRANDE	Q ID NO:2 RACTERIST 30 nucle ucleic ac DNESS: si	ICS: otides id ngle			
	(xi)	SEQUI	ENCE DES	CRIPTION:	SEQ I	D NO:29		
CGA	CGCAGA	AUA	CGAAUAC	GACAAAACG	С		3	3 0
(2)		SEQUI (A) (B) (C)	ENCE CHA LENGTH: TYPE: n STRANDE	Q ID NO:3 RACTERIST 30 nucle ucleic ac DNESS: si Y: linear	ICS: otides id ngle			
	(xi)	SEQUE	ENCE DES	CRIPTION:	SEQ I	D NO:30		
GAGO	GUGAG	G UGG(GAGGCAG	UGGCAGUUU	Ä		3	3 0
(2)	INFORM	SEQUI (A) (B) (C)	ENCE CHA LENGTH: TYPE: n STRANDE	Q ID NO:3 RACTERIST 30 nucle ucleic ac DNESS: si Y: linear	ICS: otides id ngle			
	(xi)	SEOU	ENCE DES	CRIPTION:	SEO I	D NO:31:		

UGA	ACUAGG	G GGAGGGAGGG UGGAAGACAG	30
(2)		MATION FOR SEQ ID NO:32: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:32:	
GUG	GAGGGG	A CGUGGAGGG AGAGCAAGA	29
(2)		MATION FOR SEQ ID NO:33: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:33:	
CUC	AUGGAG	C GCAAGACGAA UAGCUACAUA	30
(2)		MATION FOR SEQ ID NO:34: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:34:	
CCAU	JAGAGG(C CACAAGCAAA GACUACGCA	29
(2)		MATION FOR SEQ ID NO:35: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:35:	
CCUA	ACAAGAZ	A AAGAGGGAAG GAGAAAAAA	30
(2)		MATION FOR SEQ ID NO:36: SEOUENCE CHARACTERISTICS:	

		(A) LENGTH: 23 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:36:	
GCC	GGATCC	G GGCCTCATGT GAA	23
(2)		MATION FOR SEQ ID NO:37: SEQUENCE CHARACTERISTICS: (A) LENGTH: 48 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:37:	
CCGI	AAGCTT	A ATACGACTCA CTATAGGGAG CTCAGAATAA ACGCTCAA	48
(2)		MATION FOR SEQ ID NO:38: SEQUENCE CHARACTERISTICS: (A) LENGTH: 77 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:38:	
		G AAUAAACGCU CAANNNNNNN NNNNNNNNNN NNNNNNNNNN A UGAGGCCCGG AUCCGGC	50 77
(2)	(i)	MATION FOR SEQ ID NO:39: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:39:	
CGCI	JCAAUA	A GGAGGCCACG GACAACAUGG UACAGCUUCG ACA	43
(2)		MATION FOR SEQ ID NO:40: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

	(D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:40:	
CGCUCAAUA	A GGAGGCCACA ACAAANGGAG ACAAAUUCGA CA	42
	MATION FOR SEQ ID NO:41: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:41:	
CGCUCAAUA	A GGAGGCCACA CACAUAGGUA GACAUGUUCG ACA	43
	MATION FOR SEQ ID NO:42: SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:42:	
CGCUCAAUA	A GGAGGCCACA UACAAAAGGA UGAGUAAAUU CGACA	45
	MATION FOR SEQ ID NO:43: SEQUENCE CHARACTERISTICS: (A) LENGTH: 45 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:43:	
CGCUCAAUA	A GGAGGCCACA AAUGCUGGUC CACCGAGAUU CGACA	45
(2) INFOR (i)	RMATION FOR SEQ ID NO:44: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(vi)	SECTIONCE DESCRIPTION: SEC ID NO:44:	

CGC	JCAAUAG	G GGAGGGCACG GGAAGGGUGA GUGGAUAUUC GACA	44
(2)		MATION FOR SEQ ID NO:45: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:45:	
CGCT	JCAAUA	A GGAGGCCACA AGUUCGACA	29
(2)		MATION FOR SEQ ID NO:46: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:46:	
CGC	UCAAUA	A GGAGGGCCAC AGAUGUAAUG GAAACUUCGA CA	42
(2)		MATION FOR SEQ ID NO:47: SEQUENCE CHARACTERISTICS: (A) LENGTH: 46 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:47:	
CGC	UCAAUA	A GGAGGCCACA UACAAAAGGA UGAGUAAAAU UCGACA	46
(2)	INFOR	MATION FOR SEQ ID NO:48: SEQUENCE CHARACTERISTICS: (A) LENGTH: 10 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:48:	
UUG	AGAUAC	A	10
(2)	INFO	RMATION FOR SEQ ID NO:49: SEQUENCE CHARACTERISTICS:	

	(A) LENGTH: 45 nucleot(B) TYPE: nucleic acid(C) STRANDEDNESS: since(D) TOPOLOGY: linear		
	(xi) SEQUENCE DESCRIPTION: S	EQ ID NO:49:	
TAAT	ACGACT CACTATAGGG AGCCAACACC	ACAATTCCAA TCAAG	45
(2)	INFORMATION FOR SEQ ID NO:50 (i) SEQUENCE CHARACTERISTIC (A) LENGTH: 49 nucleo (B) TYPE: nucleic acid (C) STRANDEDNESS: sing (D) TOPOLOGY: linear	S: tides	
	(xi) SEQUENCE DESCRIPTION: S	EQ ID NO:50:	
TAAT	ACGACT CACTATAGGG AGCATCAGAC	TTTTAATCTG ACAATCAAG	49
(2)	<pre>INFORMATION FOR SEQ ID NO:51 (i) SEQUENCE CHARACTERISTIC (A) LENGTH: 24 nucleot (B) TYPE: nucleic acid (C) STRANDEDNESS: sing (D) TOPOLOGY: linear</pre> (xi) SEQUENCE DESCRIPTION: S	ides ides le	
ATCT	TATGAAA GAATTTTATA TCTC		24
(2)	INFORMATION FOR SEQ ID NO:52 (i) SEQUENCE CHARACTERISTIC (A) LENGTH: 37 nucleot (B) TYPE: nucleic acid (C) STRANDEDNESS: sing (D) TOPOLOGY: linear	CS: ides l	
	(xi) SEQUENCE DESCRIPTION: S	SEQ ID NO:52:	
GAAT	TTGTGGT GTTGGCTCCC TATAGTGAGT	CGTATTA	37
(2)	INFORMATION FOR SEQ ID NO:53 (i) SEQUENCE CHARACTERISTIC (A) LENGTH: 41 nucleot (B) TYPE: nucleic acid (C) STRANDEDNESS: sing (D) TOPOLOGY: linear	CS: cides l	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:	
TCAG.	ATTAAA AGTCTGATGC TCCCTATAGT GAGTCGTATT A	41
(2)	<pre>INFORMATION FOR SEQ ID NO:54: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:	
TTTC	CATAGAT NNNNNNNNNN NNNNNNNNNN NNCTTGATTG	50
(2)	<pre>INFORMATION FOR SEQ ID NO:55: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:55:	
CCGG	GATCCGT TTCAATAGAG ATATAAAATT C	31
(2)	<pre>INFORMATION FOR SEQ ID NO:56: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:56:	
GTTT	CCAATAG AGATATAAAA TTCTTTCATA G	31
(2)	<pre>INFORMATION FOR SEQ ID NO:57: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 32 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:57:	
CCGA	AAGCTTC TAATACGACT CACTATAGGG AG	32

(2)		SEQUENCE CHARACTERISTICS: (A) LENGTH: 72 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:58:	
		A AATTCTTTCA TAGNNNNTTT TCCCGNNNNN NNNCGGAANN C AGATTAAAAG TC	50 72
(2)		RMATION FOR SEQ ID NO:59: SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:59:	
GACGT	TGTA	A AACGACGGCC	20
(2)		RMATION FOR SEQ ID NO:60: SEQUENCE CHARACTERISTICS: (A) LENGTH: 97 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:60:	
		A GACUUUUAAU CUGACAAUCA AGNNNNNNNN NNNNNNNNNN N NNNNAUCUAU GAAAGAAUUU UAUAUCUCUA UUGAAAC	50 97
(2)	INFOI	RMATION FOR SEQ ID NO:61: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:61:	
UCAA	GAAUU(C CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
(2)		RMATION FOR SEQ ID NO:62: SEOUENCE CHARACTERISTICS:	

		(B) (C)	LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:62:	
UCAA	GCGUA	G GUUZ	AUGAAUG GAGGAGGUAG GGUCGUAAUC U	41
(2)		SEQUI (A) (B) (C)	ON FOR SEQ ID NO:63: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:63:	
UCAA	GAAUA	U CUU	CCGAAGC CGAACGGGAA AACCGGCAUC U	41
(2)	(i)	SEQU: (A) (B) (C) (D)	ON FOR SEQ ID NO:64: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU:	ENCE DESCRIPTION: SEQ ID NO:64:	
UCAA	GAAUA'	ט כטט	CCGAGGC CGAACGGGAA AACCGACAUC U	41
(2)		SEQU (A) (B) (C)	ON FOR SEQ ID NO:65: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:65:	
UCAA	.GAAUA	C CUU	CCGAGGC CGAACGGGAA AACCGGCAUC U	41
(2)	INFO	SEQU (A) (B) (C)	ON FOR SEQ ID NO:66: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	

	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:66	:
UCAA	GAAUA	u cuu	CCGAGGC CGAACGGGAA AACCGGCACC	U 41
(2)		SEQU (A) (B) (C)	ON FOR SEQ ID NO:67: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:67	:
UCAA	GAAUAI	ט כטט	CCGAGGC CGAACGGGAA AACCGGCAAC	U 41
(2)		SEQU: (A) (B) (C)	ON FOR SEQ ID NO:68: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:68	:
UCAA	GGCA	U CUG	GGAGGGU AAGGGUAAGG UUGUCGGAUC	U 41
(2)		SEQU: (A) (B) (C)	ON FOR SEQ ID NO:69: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:69	:
UCAA	GCCA	C GGA	UGUCGAA GGUGGAGGUU GGGCGGCAUC	U 41
(2)	INFOI	SEQUI (A) (B) (C)	ON FOR SEQ ID NO:70: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:70	:
UCAA	TAAGA	A GAIN	UACCCAA GCGCAGGGGA GAAGCGCAIIC	II 41

(2)		SEQUE (A) (B) (C)	ENCE CHARAC LENGTH: 41 TYPE: nucl STRANDEDNE TOPOLOGY:	TERISTIC nucleot eic acid SS: sing	S: ides l		
	(xi)	SEQUE	ENCE DESCRI	PTION: S	EQ ID N	0:71:	
UCAAC	GAAU	C GAC	CCAAGCC AAA	GGGGAUA	AUGCGGC	'AUC U	41
(2)		SEQUE (A) (B) (C)	ON FOR SEQ ENCE CHARAC LENGTH: 41 TYPE: nucl STRANDEDNE TOPOLOGY:	TERISTIC nucleot eic acid SS: sing	CS: Lides l		
	(xi)	SEQUI	ENCE DESCRI	PTION: S	EQ ID N	iO:72:	
UCAA	GAUU	A ACC	GACGCCA ACG	GGAGAAU	GGCAGGG	AUC U	41
(2)		SEQUI (A) (B) (C)	ON FOR SEQ ENCE CHARAC LENGTH: 40 TYPE: nucl STRANDEDNE TOPOLOGY:	TERISTIC nucleot eic acid SS: sing	CS: cides	·	
	(xi)	SEQUI	ENCE DESCRI	PTION: S	EQ ID N	10:73:	
UCAA	GAGAGI	J AUC	AUCGUGC CGG	CGGGAUA	UCGGCGA	'ACA	40
(2)		SEQUI (A) (B) (C)	ON FOR SEQ ENCE CHARAC LENGTH: 41 TYPE: nucl STRANDEDNE TOPOLOGY:	TERISTIC nucleot eic acid SS: sing	CS: cides d		
	(xi)	SEQU	ENCE DESCRI	PTION: S	SEQ ID N	10:74:	
UCAA	GAGAG	J AUC	AUCCGUG CCG	GCGGGAU	AUCGGCG	BAUC U	41
(2)	INFO	SEQU:	ON FOR SEQ ENCE CHARAC LENGTH: 4 TYPE: nucl	TERISTIC 1 nucleo	CS: otides		

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	JENCE DESCRIPTION: SEQ ID NO:75:	
UCAA	GUUUG <i>I</i>	A ACA	AAGCGGAA CAUGCACAGC UACACUCAUC U	41
(2)		SEQU (A) (B) (C)	ION FOR SEQ ID NO:76: JENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	JENCE DESCRIPTION: SEQ ID NO:76:	
UCAA	GUUCG	A ACA	AAGCGGAA CAUGCACAGC CACACUCAUC U	41
(2)		SEQU (A) (B) (C)	ION FOR SEQ ID NO:77: JENCE CHARACTERISTICS: LENGTH: 40 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	JENCE DESCRIPTION: SEQ ID NO:77:	
UCAA	GCUCA	C GGA	AUGUCGAA GGUGGAGGUU GGGCGGCAUC	40
(2)		SEQU (A) (B) (C)	ION FOR SEQ ID NO:78: JENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	JENCE DESCRIPTION: SEQ ID NO:78:	
UCAA	GCAUA	G ACC	CGCGUAGG GGGAGGUAGG AGCGGCCAUC U	41
(2)		SEQU (A) (B) (C)	ION FOR SEQ ID NO:79: UENCE CHARACTERISTICS: LENGTH: 40 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(vi)	SECT	HENCE DESCRIPTION: SEO ID NO:79:	

UCAA	CUCU	U UCAUAGACCG CGGAGGAGGU UGGGAGAUCU	40
(2)		RMATION FOR SEQ ID NO:80: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:80:	
UCAA	GUUCCI	U AGUAGACUGA GGGUGGAGU GGUGGAUGUC U	41
(2)		RMATION FOR SEQ ID NO:81: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:81:	
UCAA	GCCAA	U UACUUAUUUC GCCGACUAAC CCCAAGAAUC U	41
(2)		RMATION FOR SEQ ID NO:82: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:82:	
UCAA	GGAGG	C CAAUUCCAUG UAACAAGGUG CAACUAAUAU CU	42
(2)	INFO	ORMATION FOR SEQ ID NO:83: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:83:	
UCAA	GUGCG	GU AUGAAGAGUA UUUAGUGCAG GCCACGGAUC U	41
(2)		ORMATION FOR SEQ ID NO:84:	

		(B) (C)	LENGTH: 41 nucleot TYPE: nucleic acid STRANDEDNESS: sing TOPOLOGY: linear		
	(xi)	SEQUI	ENCE DESCRIPTION: S	EQ ID NO:84:	
UCAA	GUAAU	G ACC	AGAGGCC CAACUGGUAA .	ACGGGCGGUC U	41
(2)		SEQUI (A) (B) (C)	ON FOR SEQ ID NO:85 ENCE CHARACTERISTIC LENGTH: 41 nucleot TYPE: nucleic acid STRANDEDNESS: sing TOPOLOGY: linear	S: ides	
	(xi)	SEQU	ENCE DESCRIPTION: S	EQ ID NO:85:	
UCAA	.GAGAC	U CCA	CCUGACG UGUUCAACUA	UCUGGCGAUC U	41
(2)		SEQU: (A) (B) (C)	ON FOR SEQ ID NO:86 ENCE CHARACTERISTIC LENGTH: 40 nucleot TYPE: nucleic acid STRANDEDNESS: sing TOPOLOGY: linear	S: ides	
	(xi)	SEQU	ENCE DESCRIPTION: S	EQ ID NO:86:	
UCAA	GAAUU	C CGU	UUUCAGU CGGGAAAAAC	UGAACAAUCU	40
(2)	INFO	SEQU (A) (B) (C)	ON FOR SEQ ID NO:87 ENCE CHARACTERISTIC LENGTH: 41 nucleo TYPE: nucleic acid STRANDEDNESS: sing TOPOLOGY: linear	CS: btides l	
	(xi)	SEQU	ENCE DESCRIPTION: S	SEQ ID NO:87:	
UCA	AGAAUA	ת כתח	CCGAAGC CGAACGGGAA	AACCGGCAUC U	41
(2)	INFC	SEQU (A) (B) (C)	ON FOR SEQ ID NO:88 ENCE CHARACTERISTIC LENGTH: 34 nucleo TYPE: nucleic acid STRANDEDNESS: sing	CS: otides l	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:88:	
UCAAC	GUUU	C CGAAAGAAAU CGGGAAAACU GUCU	34
(2)		RMATION FOR SEQ ID NO:89: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:89:	
UCAA	GUAGA	J AUCCGAAGCU CAACGGGAUA AUGAGCAUCU	40
(2)		RMATION FOR SEQ ID NO:90: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:90:	
UCAA	GAUAU	G AUCCGUAAGA GGACGGGAUA AACCUCAACU	40
(2)	INFO	RMATION FOR SEQ ID NO:91: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:91:	
UCAA	GGAAU	C GACCCAAGCC AAAGGGGAUA AUGCGGCAUC U	41
(2)		RMATION FOR SEQ ID NO:92: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:92:	
TT(7) 7 7	arran rr	A THINGCOLUING LICCUICCCCALL ANAGGAGALIC II	41

(2)		RMATION FOR SEQ ID NO:93: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:93:	
UCAAG	UAAUG	G ACCAGAGGCC CAACUGGUAA ACGGGCGGUC U	41
(2)		RMATION FOR SEQ ID NO:94: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:94:	
UCAA	GAUU	A ACCGACGCCA ACGGGAGAAU GGCAGGGAUC U	41
(2)		PRMATION FOR SEQ ID NO:95: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:95:	
UCAAC	GAAUAI	U AUCCGAACUC GACGGGAUAA CGAGAAGAGC U	41
(2)		ORMATION FOR SEQ ID NO:96: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:96:	
UCAA	GAAGA	A GAUUACCCAA GCGCAGGGA GAAGCGCAUC U	41
(2)	INFO	ORMATION FOR SEQ ID NO:97: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUE	ENCE DESCRIPTION: SEQ ID NO:97:	
UCAA	.GUAAAU	J GAGI	UCCGUAG GAGGCGGGAU AUCUCCAACU	40
(2)		SEQUI (A) (B) (C)	ON FOR SEQ ID NO:98: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:98:	
UCAA	.GAGAGI	J AUC	AUCCGUG CCGGCGGAU AUCGGCGAUC U	41
(2)		SEQUI (A) (B) (C)	N FOR SEQ ID NO:99: ENCE CHARACTERISTICS: LENGTH: 38 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU!	ENCE DESCRIPTION: SEQ ID NO:99:	
UCAA	GAAUA	A UCC	GACUCGC GGGAUAACGA GAAGAGCU	38
(2)	(i)	(A) (B) (C) (D)	N FOR SEQ ID NO:100: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:100:	
UCA	AGUUCG.	A ACA	AGCGGAA CAUGCACAGC CACACUCAUC U	41
(2)	INFO	SEQU (A) (B) (C)	ON FOR SEQ ID NO:101: ENCE CHARACTERISTICS: LENGTH: 48 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:101:	

CAAGUUAAAC AUAAUCCGUG AUCUUUCACA CGGGAGAUCU AUGAAAGA	48
(2) INFORMATION FOR SEQ ID NO:102: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:102:	
AAUCAAGUAC CUAGGUGAUA AAAGGGAGAA CACGUGUGAC U	41
(2) INFORMATION FOR SEQ ID NO:103: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:103:	
AAUCAAGUAC CUAGGUGAUA AAAGGGAGAA CACGUGUACU	40
(2) INFORMATION FOR SEQ ID NO:104: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:104:	
UCAAGAUAGU AUCCGUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(2) INFORMATION FOR SEQ ID NO:105: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 46 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:105:	
UCAAGUGAAA CUUAACCGUU AUCAUAGAUC GGGACAAAUC UAUGAA	46
(2) INFORMATION FOR SEQ ID NO:106: (i) SEOUENCE CHARACTERISTICS:	

	(A) LENGTH: 44 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:106:	
UCAAGCGUA	G GUUAUGAAUG GAGGAGGUAG GGUCGUAAUC UAUG	44
	ATION FOR SEQ ID NO:107: SEQUENCE CHARACTERISTICS: (A) LENGTH: 50 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:107:	
AUCUGACAAI	U CAAGGGCAUC UGGGAGGGUA AGGGUAAGGU UGUCGGAUCU	50
	ATION FOR SEQ ID NO:108: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:108:	
UCAAGCCCA	C GGAUGUCGAA GGUGGAGGUU GGGCGGCAUC U	41
	ATION FOR SEQ ID NO:109: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:109:	
UCAAGCUCA	C GGAUGUCGAA GGUGGAGGUU GGGCGGCAUC	40
	ATION FOR SEQ ID NO:110: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:110:	
UCAAGCAUAG ACCGCGUAGG GGGAGGUAGG AGCGGCCAUC UAUG	44
(2) INFORMATION FOR SEQ ID NO:111: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 48 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:111:	
UCAAGCUCUU UCAUAGACCG CGGAGGAGGU UGGGAGAUCU AUGAAAGA	48
(2) INFORMATION FOR SEQ ID NO:112: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:112:	
UCAAGUUCCU AGUAGACUGA GGGUGGGAGU GGUGGAUGUC UAU	43
(2) INFORMATION FOR SEQ ID NO:113: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:113:	
UCCGUGAUCU UUCACACGGG AGAUCUAUGA AAGA	34
(2) INFORMATION FOR SEQ ID NO:114: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 27 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:114:	
ITICCCAAACA AAIICCCCAAA ACIICIICII	25

(2) INFOR	MATION	FOR S	SEQ ID NO:11	.5:		
(i)	SEQU	ENCE C	CHARACTERIST	CICS:		
	(A)	LENGT	H: 26 nucle	otides		
			nucleic ac			
			IDEDNESS: si			
	(D)	TOPOL	OGY: linear	•		
(xi	.) SEQU	ENCE D	ESCRIPTION:	SEQ II	NO:115:	
UCCGUUAA	GA GGA	CGGGAU	A AACCUC			26
(2) INFOR	MATION	FOR S	EQ ID NO:11	.6 :		
			HARACTERIST			
	(A)	LENGT	H: 27 nucle	otides		
	(B)	TYPE:	nucleic ac	id		
	(C)	STRAN	DEDNESS: si	ngle		
	(D)	TOPOL	OGY: linear	•		
(xi	.) SEQU	ENCE D	ESCRIPTION:	SEQ II	NO:116:	
UUCCGUUU	TUC AGU	CGGGAA	A AACUGAA			27
(2) INFOR	MATION	FOR S	EQ ID NO:11	7:		
			HARACTERIST			
	(A)	LENGT	H: 26 nucle	otides		
	(B)	TYPE:	nucleic ac	id		
	(C)	STRAN	DEDNESS: si	ngle		
	(D)	TOPOL	OGY: linear	•		
(xi) SEQU	ENCE D	ESCRIPTION:	SEQ II	NO:117:	
UUCCGAGG	CC GAA	CGGGAA	A ACCGGC			26
(2) INFOR	MATION	FOR S	EQ ID NO:11	8:		
(i)	SEQU	ENCE C	HARACTERIST	ICS:		
	(A)	LENGT	H: 26 nucle	otides		
			nucleic ac			
			DEDNESS: si			
	(D)	TOPOL	OGY: linear			
(xi) SEQU	ENCE D	ESCRIPTION:	SEQ II	NO:118:	
ACCAGAGG	CC CAA	CUGGUA	A ACGGGC			26
(2) INFOR	MATION	FOR S	EQ ID NO:11	9:		
			HARACTERIST			
			H: 25 nucle			
	(B)	TYPE:	nucleic ac	id		

			NDEDNESS: s LOGY: linea	_			
(xi)	SEQUE	ENCE I	ESCRIPTION	: SEQ	ID	NO:119:	
UCCGAAGCU	C AACC	GGAUA	AA UGAGC				25
	SEQUE (A) (B) (C)	ENCE C LENGT TYPE: STRAN	SEQ ID NO:1 CHARACTERIS CH: 23 nucl nucleic a IDEDNESS: LOGY: linea	TICS: eotide cid single			
(xi)	SEQUE	ENCE D	ESCRIPTION	: SEQ	ID	NO:120:	
UCCGAACUC	G ACGO	GAUAA	C GAG				23
	SEQUE (A) (B) (C)	ENCE C LENGT TYPE: STRAN	SEQ ID NO:1 CHARACTERIS CH: 23 nucl nucleic a IDEDNESS: s LOGY: linea	TICS: eotide cid ingle	s		
(xi)	SEQUE	ENCE D	ESCRIPTION	: SEQ	ID	NO:121:	
UCCGUAGGA	G GCGG	GAUAU	IC UCC				23
	SEQUE (A) (B) (C)	NCE C LENGT TYPE: STRAN	EQ ID NO:1 CHARACTERIS TH: 23 nucl nucleic a IDEDNESS: s	TICS: eotide cid ingle	s		
(xi)	SEQUE	NCE D	ESCRIPTION	: SEQ	ID	NO:122:	
UCCGUGCCG	G CGGG	AUAUC	G GCG				23
	SEQUE (A) (B) (C)	NCE C LENGT TYPE: STRAN	EQ ID NO:1 HARACTERIS H: 21 nucl nucleic a DEDNESS: s	TICS: eotide cid ingle	s		
(xi)	SEQUE	NCE D	ESCRIPTION	: SEO	ID	NO:123:	

UCCGACUCGC GGGAUAACGA G	21
(2) INFORMATION FOR SEQ ID NO:124: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 19 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:124:	
UUCGAACAAG CGGAACAUG	19
(2) INFORMATION FOR SEQ ID NO:125: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:125:	
UCCGUUCUUG AUCAUCGGGA CAAAUGAUC	29
(2) INFORMATION FOR SEQ ID NO:126: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:126:	
CCGUUACUCC UCGGGAUAAA GGAG	24
(2) INFORMATION FOR SEQ ID NO:127: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:127:	
CCGACGCCAA CGGGAGAAUG GC	22
(2) INFORMATION FOR SEQ ID NO:128:	

	(A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) §	SEQUENCE DESCRIPTION: SEQ ID NO:128:	
CCGUUAUCAU	AGAUCGGGAC AAAUCUAUGA	3 0
(i) S	TION FOR SEQ ID NO:129: SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:129:	
CCCAAGCCAA	AGGGGAUAAU GCGGC	25
(i) S	TION FOR SEQ ID NO:130: SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:130:	
CCCAAGCGCA	GGGGAGAAGC GC	22
(i) 8	TION FOR SEQ ID NO:131: SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) \$	SEQUENCE DESCRIPTION: SEQ ID NO:131:	
CCUAGGUGAU	AAAAGGGAGA ACAC	24
(i) s	TION FOR SEQ ID NO:132: SEQUENCE CHARACTERISTICS: (A) LENGTH: 93 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:132:	
GGGAGCCAAC ACCACAAUUC CAAUCAAGNN NNNNNNNNN NNNNNNNNNN NNNNNNNNN AUCUAUGAAA GAAUUUUAUA UCUCUAUUGA AAC	50 93
(2) INFORMATION FOR SEQ ID NO:133: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:133:	
UCAAGAAUAU AUCCGAACUC GACGGGAUAA CGAGAAGAUC U	41
(2) INFORMATION FOR SEQ ID NO:134: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:134:	
UCAAGAAUAU AUCCGAACUC GACGGGAUAA CGAGAAGAGC U	41
(2) INFORMATION FOR SEQ ID NO:135: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:135:	
UCAAGCAAAU AUAUCCGAAC UCGACGGGAU AACGAGAAGA GCU	43
(2) INFORMATION FOR SEQ ID NO:136: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:136:	
UCAAGAACAU AUCCGAACUC GACGGGAUAA CGAGAAGAGC U	41

	i) SEQU (A) (B) (C)	FOR SEQ ID NO:137: VENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(2	xi) SEQU	JENCE DESCRIPTION: SEQ ID NO:137:	
UCAAGA	AUAU AUC	CCGAACUC GACGGGGUAA CGAGAAGAGC U	41
	i) SEQU (A) (B) (C)	FOR SEQ ID NO:138: JENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(2	xi) SEQU	JENCE DESCRIPTION: SEQ ID NO:138:	
UCAAGA	AUAU AUC	CCGAACUC GACGGGAUAA CGAGAAGAGC U	41
	i) SEQU (A) (B) (C)	ON FOR SEQ ID NO:139: JENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(2	xi) SEQU	JENCE DESCRIPTION: SEQ ID NO:139:	
UCAAGA	AUAU AUC	CCGAACUC GACGGGAUAA CGAGAACACC U	41
	i) SEQU (A) (B) (C)	ON FOR SEQ ID NO:140: UENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(2	xi) SEQU	JENCE DESCRIPTION: SEQ ID NO:140:	
UCAAGA	AUAA AUC	CCGAACUC GACGGGAUAA CGAGAAGAGC U	41
	i) SEQU (A)	CON FOR SEQ ID NO:141: JENCE CHARACTERISTICS: LENGTH: 42 nucleotides TYPE: nucleic acid	

		(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:141:	
UCAA	\GGUAU#	A UAUCCGAACU CGACGGGAUA ACGAGAAGAG CU	42
(2)		RMATION FOR SEQ ID NO:142: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:142:	
UCA	AGAAUA	U AUCCGAACUC GACGGGAUAA CGAGAAAGAG CU	42
(2)		MATION FOR SEQ ID NO:143: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:143:	
UCA	AGAAUA!	U ACUCCGAACU CGACGGGAUA ACGAGAAGAG CU	42
(2)	INFORI	MATION FOR SEQ ID NO:144: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:144:	
UCA	AGUACC	U AGGUGAUAAA AGGGAGAACA CGUGAACU	38
(2)	INFOR	MATION FOR SEQ ID NO:145: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:145:	

(C) STRANDEDNESS: single

UCAA	GUACCU	J AGGUGAUAAA AGGGAGAACA CGUGUGACU	39
(2)		MATION FOR SEQ ID NO:146: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:146:	
UCAA	GUACCU	J AGGUGAUAAA AGGGAGAACA CAUGAGACU	39
(2)		MATION FOR SEQ ID NO:147: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:147:	
UCAA	GUACCU	J AGGUGAUAAA AGGGAGAACA CGUGAGACU	39
(2)		MATION FOR SEQ ID NO:148: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:148:	
UCAA	GUUAAA	A CAUAAUCCGU GAUCUUUCAC ACGGGAGAUC U	41
(2)	INFORM	MATION FOR SEQ ID NO:149: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:149:	
UCAA	AGUUAA	A CAUAAUCCGU GAUCUUUCAC ACGGGAGACC U	41
(2)	INFORM	MATION FOR SEQ ID NO:150: SEQUENCE CHARACTERISTICS:	

		(A) LENGTH: 41 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:150:	
UCAAG	UUAAA	CAUAAUCCGU GAUCUUUCAC ACGGAAGAAC U	41
(2) I		ATION FOR SEQ ID NO:151: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:151:	
UCAAG	UAGAU	AUCCGAAGCU CAACGGGAUA AUGAGCAUCU	40
(2) I		MATION FOR SEQ ID NO:152: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:152:	
UCAAG	CAAAU	J AUAUCCGAAG CUCAACGGGA UAAUGAGCAU CU	42
(2) I		MATION FOR SEQ ID NO:153: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:153:	
UCAAG	UAGAU	J AUCCGAAGCU CAACGGGAUA AUGAGCGUCU	40
(2) I		MATION FOR SEQ ID NO:154: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE	DESCRIPTION: SEQ ID NO:154:
UCAAGAAGAU AUCCGAA	GCU CAACGGGAUA AUGAGCAUCU 40
(A) LENG (B) TYP: (C) STR.	R SEQ ID NO:155: CHARACTERISTICS: GTH: 41 nucleotides E: nucleic acid ANDEDNESS: single OLOGY: linear
(xi) SEQUENCE	DESCRIPTION: SEQ ID NO:155:
UCAAGUAAUA UAUCCGA	AGC UCAUCGGGAU AAUGAGCAUC U 41
(A) LEN((B) TYP: (C) STR.	R SEQ ID NO:156: CHARACTERISTICS: GTH: 41 nucleotides E: nucleic acid ANDEDNESS: single OLOGY: linear
(xi) SEQUENCE	DESCRIPTION: SEQ ID NO:156:
UCAAGAUAGU AUCCGUU	CUU GAUCAUCGGG ACAAAUGAUC U 41
(A) LENG (B) TYP: (C) STR.	R SEQ ID NO:157: CHARACTERISTICS: GTH: 41 nucleotides E: nucleic acid ANDEDNESS: single OLOGY: linear
(xi) SEQUENCE	DESCRIPTION: SEQ ID NO:157:
UCAAGACAGU AUCCGUU	CUU GAUCAUCGGG ACAAAUGAUC U 41
(i) SEQUENCE (A) LEN (B) TYP (C) STR	R SEQ ID NO:158: CHARACTERISTICS: GTH: 41 nucleotides E: nucleic acid ANDEDNESS: single OLOGY: linear
(xi) SEQUENCE	DESCRIPTION: SEQ ID NO:158:
HCAACIHIACH AHCCCIHI	CITI CALICALICCCC ACAAALICALIC II

(2)		SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:159:	
UCA	AGAUAG	U AUCCAUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(2)		MATION FOR SEQ ID NO:160: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:160:	
UCA	AGUGAA	C UUAACCGUUA UCAUAGAUCG GGACAAACU	39
(2)		MATION FOR SEQ ID NO:161: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:161:	
UCA	AGUGAA	A CUUAACCGUU AUCAUAGAUC GGGACAAAUC U	41
(2)		MATION FOR SEQ ID NO:162: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:162:	
UCA	AGUGAA	C UUAACCGUUA UCAUAGAUCG GGACAAAUCU	40
(2)	INFORI	MATION FOR SEQ ID NO:163: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:163:	
UCA	AGUGAA	A CUU	AACCGUU AUCAUAGAUC GUGACAAAUC U	41
(2)	(i)	SEQUI (A) (B) (C)	N FOR SEQ ID NO:164: ENCE CHARACTERISTICS: LENGTH: 40 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:164:	
UCA	AGAUAU	G AUC	CGUAAGA GGACGGGAUA AACCUCAACU	40
(2)		SEQUI (A) (B) (C)	N FOR SEQ ID NO:165: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO:165:	
UCA	AGAUAU(G UAU	CCGUAAG AGGACGGGAU AAACCUCGAC U	41
(2)		SEQUE (A) (B) (C)	N FOR SEQ ID NO:166: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUE	ENCE DESCRIPTION: SEQ ID NO:166:	
UCA	AGGGGU	A UUGA	AGAUAUU CCGAUGUCCU AUGCUGUACC U	41
(2)	INFORM	SEQUE (A) (B) (C)	N FOR SEQ ID NO:167: ENCE CHARACTERISTICS: LENGTH: 34 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEOUE	ENCE DESCRIPTION: SEO ID NO:167:	

UCA	AGGUUUC	C CGAAAGAAAU CGGGAAAACU GUCU	34
(2)		MATION FOR SEQ ID NO:168: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:168:	
UCA	AGUAAAU	J GAGUCCGUAG GAGGCGGGAU AUCUCCAACU	40
(2)		MATION FOR SEQ ID NO:169: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:169:	
UCA	AGUCAU	A UUACCGUUAC UCCUCGGGAU AAAGGAGAUC U	41
(2)	(i)	MATION FOR SEQ ID NO:170: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:170:	
UCA	AGAAUA	A UCCGACUCGC GGGAUAACGA GAAGAGCU	38
(2)		MATION FOR SEQ ID NO:171: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:171:	
UCA	AGGAUA	A GUGCAGGAAU AUCAAUGAGG CAUCCAAACC U	41
(2)		MATION FOR SEQ ID NO:172: SEQUENCE CHARACTERISTICS:	

		(A) LENGTH: 43 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:172:	
UCA	AGAUGA	G AUAAAGUACC AAUCGAACCU AUCUAAUACG ACU	43
(2)		MATION FOR SEQ ID NO:173: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:173:	
UCA	AGACCC	A UUUAUUGCUA CAAUAAUCCU UGACCUCAUC U	41
(2)		MATION FOR SEQ ID NO:174: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:174:	
UCA	AGUAAU	A CGAUAUACUA AUGAAGCCUA AUCUCGAUCU	40
(2)		MATION FOR SEQ ID NO:175: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:175:	
UCA	AGAACG.	A UCAUCGAUAU CUCUUCCGAU CCGUUUGUCU	40
(2)		MATION FOR SEQ ID NO:176: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:176:	
UCAAGACG.	GAU AGAACAAUCA UCUCCUACGA CGAUGCACU	39
	ORMATION FOR SEQ ID NO:177: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi	.) SEQUENCE DESCRIPTION: SEQ ID NO:177:	
UCAAGAUA	AAU CAUGCAGGAU CAUUGAUCUC UUGUGCUAUC U	41
	ORMATION FOR SEQ ID NO:178: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:178:	
UCAAGAGU	JGA AGAUGUAAGU GCUUAUCUCU UGGGACACAU CU	42
(2) INFO	ORMATION FOR SEQ ID NO:179: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi	.) SEQUENCE DESCRIPTION: SEQ ID NO:179:	
UCAAGCAA	ACA UUCUAUCAAG UAAAGUCACA UGAUAUCU	38
(2) INFO (i)	ORMATION FOR SEQ ID NO:180: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:180:	
UCAAGGAU	JGU AUUACGAUUA CUCUAUACUG CCUGCAUCU	39

	(i)	SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:181:	
UCAAGO	GGAUG	AAAAUAGUUC CUAGUCUCAU UACGACCACU	40
	(i)	ATION FOR SEQ ID NO:182: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:182:	
UCAAGI	UAGUG	UGAUAAUGAA UGGGUUUAUC GUAUGUGGCC U	41
	(i)	ATION FOR SEQ ID NO:183: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:183:	
UCAAG	AAUUC	CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
	(i)	ATION FOR SEQ ID NO:184: SEQUENCE CHARACTERISTICS: (A) LENGTH: 90 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:184:	
			50 90
		ATION FOR SEQ ID NO:185: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides	

		(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:185:	
TCA	AGTATT	C CGAAGCTCAA CGGGAAAATG AGCTA	35
(2)		MATION FOR SEQ ID NO:186: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:186:	
TCA	AGTATT	C CGAAGCTTGA CGGGAAAATA AGCTA	35
(2)		MATION FOR SEQ ID NO:187: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:187:	
TCA	AGGATT	C CGAAGTTCAA CGGGAAAATG AACTA	35
(2)		MATION FOR SEQ ID NO:188: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:188:	
TCA	AGAGTT(C CGAAGGTTAA CGGGAAAATG ACCTA	35
(2)		MATION FOR SEQ ID NO:189: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:189:	
TCAAGGATT	C CGAAGTGTAA CGGGAAAATG CACTA	35
	MATION FOR SEQ ID NO:190: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:190:	
TCAAGTATI	C CGAGGTGCCA CGGGAAAAGG CACTA	35
	MATION FOR SEQ ID NO:191: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:191:	
TCAAGTATT	C CGAAGGGTAA CGGGAAAATG CCCTA	35
	RMATION FOR SEQ ID NO:192: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:192:	
TCAAGTATI	C CGAAGTACAA CGGGAAAACG TACTA	35
(2) INFOR	RMATION FOR SEQ ID NO:193: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:193:	
TCAAGGATT	CC CGAAGTGTAA CGGGAAAACG CACTA	35

(2)		SEQU (A) (B) (C)	N FOR SEQ ENCE CHAF LENGTH: TYPE: nu STRANDEL TOPOLOGY	RACTERIST 35 nucle ucleic ac DNESS: si	ICS: otides id ngle		
	(xi)	SEQU	ENCE DESC	CRIPTION:	SEQ ID	NO:194:	
TCAA	AGGATT	C CGA	AGCATAA (CGGGAAAAC	A TGCTA		35
(2)		SEQU (A) (B) (C)	N FOR SEC ENCE CHAF LENGTH: TYPE: nu STRANDEL TOPOLOGY	RACTERIST 35 nucle acleic ac DNESS: si	ICS: otides id ngle		
	(xi)	SEQU	ENCE DESC	CRIPTION:	SEQ ID	NO:195:	
TCAC	GGGATT(C CGA	AGTGTAA (GGGAAAAA	G CACTA		35
(2)		SEQU (A) (B) (C)	N FOR SEQ ENCE CHAF LENGTH: TYPE: nu STRANDEI TOPOLOGY	RACTERIST 35 nucle ucleic ac DNESS: si	ICS: otides id ngle		
	(xi)	SEQU	ENCE DESC	CRIPTION:	SEQ ID	NO:196:	
TCA	AGTATT	C CGA	GGTGTGA (CGGGAAAAG	A CACTA		35
(2)		SEQU (A) (B) (C)	N FOR SEQ ENCE CHAF LENGTH: TYPE: nu STRANDEI TOPOLOGY	RACTERIST 35 nucle ucleic ac DNESS: si	ICS: otides id ngle		
	(xi)	SEQU	ENCE DESC	CRIPTION:	SEQ ID	NO:197:	
TCA	AGTATT(C CGA	AGGGTAA (CGGGAAAAT	G ACCTA		35
(2)	INFOR	SEQU (A)	N FOR SEGENCE CHAPLENGTH:	RACTERIST 35 nucle	ICS: otides		

			STRANDEDN TOPOLOGY:		ngle		
	(xi)	SEQUI	ENCE DESCR	IPTION:	SEQ I	D NO:198:	
TCA	AGTGTT	C CGA	GAGGCAA CG	GGAAAAG	A GCCT.	A	35
(2)		SEQUI (A) (B) (C)	N FOR SEQ ENCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERIST 5 nucle cleic ac ESS: si	ICS: otides id ngle		
	(xi)	SEQUI	ENCE DESCR	IPTION:	SEQ I	D NO:199:	
TCAZ	AGTATT	C CGA	AGGTGAA CG	GGAAAAT	A CACT	A	35
(2)		SEQUE (A) (B) (C)	N FOR SEQ ENCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERIST 5 nucleo cleic act ESS: sin	ICS: otides id ngle		
	(xi)	SEQUE	ENCE DESCR	IPTION:	SEQ I	NO:200:	
TCA	AGAGTT	C CGA	AGTCGA CG	GGAAAAT	A GACT	A	35
(2)		SEQUE (A) (B) (C)	N FOR SEQ ENCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERIST: 5 nucleo leic ac: ESS: sin	ICS: otides		
	(xi)	SEQUE	ENCE DESCR	IPTION:	SEQ I	NO:201:	
TCA	AGATTT	C CGA	GAGACAA CG	GGAAAAG	A GTCT	A	35
(2)	(i)	SEQUI (A) (B) (C) (D)	N FOR SEQ ENCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERIST: 5 nucleo leic ac: ESS: sin linear	ICS: otides id ngle		
	(xi)	SEQUE	ENCE DESCR	IPTION:	SEQ I	NO:202:	

TCAA	.GATTT	C CGATGTGCAA CGGGAAAATG CACTA	35
(2)		MATION FOR SEQ ID NO:203: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:203:	
TCAA	GTATT(C CGACGTAACA CGGGAAAAGT TACTA	35
(2)		MATION FOR SEQ ID NO:204: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:204:	
TCAA	GATTT(C CGACGCACAA CGGGAAAATG TGCTA	35
(2)		MATION FOR SEQ ID NO:205: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:205:	
TCAA	GTATT	C CGATGTCTAA CGGGAAAATA GGCTA	35
(2)		MATION FOR SEQ ID NO:206: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:206:	
TCAA	.GGGTT(C CGATGCCCAA CGGGAAAAGG GGCTA	35
(2)		MATION FOR SEQ ID NO:207:	

		(B) (C)	TYPE: nuc STRANDEDN TOPOLOGY:	leic aci ESS: sir	id		
	(xi)	SEQUE	ENCE DESCR	IPTION:	SEQ ID	NO:207:	
TCA	AGAATT	C CGAC	CGACGAA CG	GGAAAAA(C GTCTA		35
(2)		SEQUE (A) (B) (C)	FOR SEQ CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERISTI 5 nucleo leic aci ESS: sir	ICS: otides id		
	(xi)	SEQUE	ENCE DESCR	IPTION:	SEQ ID	NO:208:	
TCA	AGTATT(C CGAI	TGTACAA CG	GGAAAAA	3 TACTA		35
(2)		SEQUE (A) (B)	FOR SEQ ENCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERISTI 5 nucleo leic aci	ICS: otides id		
	(xi)	SEQUE	ENCE DESCR	IPTION:	SEQ ID	NO:209:	
TCC	AGCGTT(C CGTA	AGTGGA CG	GGAAAAA(CACTA		35
(2)		SEQUE (A) (B) (C)	FOR SEQ ENCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERISTI 5 nucleo leic aci ESS: sir	ICS: otides id		
	(xi)	SEQUE	ENCE DESCR	IPTION:	SEQ ID	NO:210:	
TCA	AGAGTT(C CGTA	AGGCCA CG	GGAAAAA(GTCTA		35
(2)		SEQUE (A) (B)	FOR SEQ ENCE CHARA LENGTH: 3 TYPE: nuc STRANDEDN TOPOLOGY:	CTERISTI 5 nucleo leic aci	ICS: otides id		

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:211:	
TCAAGGATTC CGAAAGGTAA CGGGAAAAAT GCCTA	35
(2) INFORMATION FOR SEQ ID NO:212: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:212:	
TCAAGAATTC CGCTAGCCCA CGGGAAAAGG GCCTA	35
(2) INFORMATION FOR SEQ ID NO:213: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:213:	
TCAAGAATTC GTTAGTGTAC GGGAAAAAAC ACTA	34
(2) INFORMATION FOR SEQ ID NO:214: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:214:	
TCAAGCGTTC CGATGGCTAA CGGGAAAAAT AGCTA	35
(2) INFORMATION FOR SEQ ID NO:215: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:215:	
TCAAGGATTC CGTTTGTGCA CGGGAAAAGG CACTA	35

(2)	(i)	MATION FOR SEQ ID NO:216: SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:216:	
TCAA	AGAATCO	C GTTTGCACAC GGGAAAACGT GCTA	34
(2)		MATION FOR SEQ ID NO:217: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:217:	
TCAG	GAATC	C GAGAAGCTAC GGGAAAAAGC GACTA	35
(2)		MATION FOR SEQ ID NO:218: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:218:	
TCA	AGATTT(C CGAGGTCCGA CGGGAAAATG GTCTA	35
(2)		MATION FOR SEQ ID NO:219: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:219:	
TCA	AGTATT	C CGAAGGAAAA CGGGAAAACC ACCTA	35
(2)		MATION FOR SEQ ID NO:220: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid	

				DEDNESS DGY: li		gle				
	(xi)	SEQU!	ENCE D	ESCRIPT	ION:	SEQ	ID	NO:220:		
TCAA	GTGTT	C CGA	AGGAAA	A CGGGA	AAACC	ACC	TA			35
(2)		SEQU: (A) (B) (C)	ENCE C LENGT TYPE: STRAN	SEQ ID : HARACTE H: 35 n nuclei DEDNESS OGY: li	RISTI uclec c aci : sin	CS: otide	S			
	(xi)	SEQU	ENCE D	ESCRIPT	ION:	SEQ	ID	NO:221:		
TCAA	GAATT	C CGT	AAGGGG	T CGGGA	AAAA	CCT	'AÜ			35
(2)		SEQU (A) (B) (C)	ENCE C LENGT TYPE: STRAN	SEQ ID HARACTE H: 35 n nuclei DEDNESS OGY: li	RISTI ucleo c aci : sir	CS: otide ld	es			
	(xi)	SEQU	ENCE D	ESCRIPT	ION:	SEQ	ID	NO:222:		
TCAA	GGATT	C CGT	ATGTCC	T CGGGA	AAAA	G GAC	CTA			35
(2)		SEQU (A) (B) (C)	ENCE C LENGT TYPE: STRAN	SEQ ID HARACTE H: 35 n nuclei DEDNESS OGY: li	RISTI ucleo c ac: s: sir	ICS: otide id	es			
	(xi)	SEQU	ENCE D	ESCRIPT	CION:	SEQ	ĮD	NO:223:		
TCA	AGAGTT	C CGA	AAGGTA	A CGGGA	AAAT'	r acc	CTA			35
(2)		SEQU (A) (B) (C)	JENCE C LENGT TYPE: STRAN	SEQ ID HARACTE H: 35 r nuclei DEDNESS	RIST nucleo .c ac: S: sin	ICS: otide id	es			
	(vi)	SEO!	TENICE F	FSCRIDT	· MOT	SEO	ΤĎ	NO · 224 ·		

TCAAGTATT	C CGATAGTCAA CGGGAAAAGC GACTA	35
	MATION FOR SEQ ID NO:225: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:225:	
TCAAGTATT	C CGAGGTGTTA CGGGAAAACA CGCTA	35
	MATION FOR SEQ ID NO:226: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:226:	
TCAAGAATT	C CGTATGTGAT CGGGAAAAAC CACTA	35
	MATION FOR SEQ ID NO:227: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:227:	
TCAAGGATT	C CGATGTACAA CGGGAAAACT GTCTA	35
(2) INFOR	MATION FOR SEQ ID NO:228: SEQUENCE CHARACTERISTICS: (A) LENGTH: 36 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:228:	
TCAAGATTI	C CGAAGGATAA CGGGAAAAAC CGACTA	36
	MATION FOR SEQ ID NO:229:	

		(A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:229:	
TCA	AGAATTO	C CGAAGCGTAA CGGGAAAACA TACTA	35
(2)		MATION FOR SEQ ID NO:230: SEQUENCE CHARACTERISTICS: (A) LENGTH: 93 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:230:	
		C ACCACAAUUC CAAUCAAGNN NNNNNNNNNN NNNNNNNNNN N AUCUAUGAAA GAAUUUUAUA UCUCUAUUGA AAC	50 93
(2)		MATION FOR SEQ ID NO:231: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:231:	
CAGA	AGAUAU	C ACUUCUGUUC ACCAUCAGGG GACUAUGAAA GA	42
(2)	INFORM	MATION FOR SEQ ID NO:232: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:232:	
AUAU	JAAGUA	A UGGAUGCGCA CCAUCAGGGC GUAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:233: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single	

(D) TOPOL	OGY: linear	
(xi) SEQUENCE D	DESCRIPTION: SEQ ID NO:233:	
GGAAUAAGUG CUUUCGUCG	GA UCACCAUCAG GGAUCUAUGA AAGA 44	1
(A) LENGT (B) TYPE: (C) STRAN	SEQ ID NO:234: CHARACTERISTICS: CH: 44 nucleotides nucleic acid IDEDNESS: single LOGY: linear	
(xi) SEQUENCE I	DESCRIPTION: SEQ ID NO:234:	
UGGAGUAUAA ACCUUUAUC	GG UCACCAUCAG GGAUCUAUGA AAGA 44	4
(A) LENGT (B) TYPE: (C) STRAN	SEQ ID NO:235: CHARACTERISTICS: TH: 41 nucleotides : nucleic acid NDEDNESS: single LOGY: linear	
(xi) SEQUENCE I	DESCRIPTION: SEQ ID NO:235:	
UCAGAGAUAG CUCAUAGGA	AC ACCAUCAGGG UCUAUGAAAG A 4:	1
(A) LENGT (B) TYPE (C) STRAI (D) TOPOI	CHARACTERISTICS: TH: 43 nucleotides : nucleic acid NDEDNESS: single LOGY: linear	
	DESCRIPTION: SEQ ID NO:236:	
CUGAGAUAUA UGACAGAGI	UC CACCAUCAGG GAUCUAUGAA AGA 4	3
(A) LENG (B) TYPE (C) STRAI	SEQ ID NO:237: CHARACTERISTICS: TH: 44 nucleotides : nucleic acid NDEDNESS: single LOGY: linear	
(xi) SEQUENCE	DESCRIPTION: SEQ ID NO:237:	

GGAU	JAUAAUL	J GUCUGCAUGA UCACCAUCAG GGAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:238: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:238:	
GGG	AGAUUCI	J UAGUACUCAC CAUCAGGGGG CACUAUGAAA GA	42
(2)		MATION FOR SEQ ID NO:239: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:239:	
JAAA	JUAUCU	J CGGAAUGCAC CAUCAGGGCA UGGCUAUGAA AGA	43
(2)		MATION FOR SEQ ID NO:240: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:240:	
GGG	AGAUUCI	J UACUACUCAC CAUCAGGGGG CACUAUGAAA GA	42
(2)	INFORM	MATION FOR SEQ ID NO:241: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:241:	
GGA	AUACUUT	J CUUUCGAUGC ACCAUCAGGG CGUCUAUGAA AGA	43
(2)		MATION FOR SEQ ID NO:242: SEQUENCE CHARACTERISTICS:	

		(A) LENGTH: 44 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:242:	
UCC	AAUAGA(G UUAGUAGUUG CACCAUCAGG GCAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:243: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:243:	
GUA	UAGAUA	G UUCUACUGAU CACGAUCACG GGUCUAUGAA AGA	43
(2)		MATION FOR SEQ ID NO:244: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:244:	
GGA	UAUGAU	C UUAUGGUAUG CACGAUCACG GCAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:245: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:245:	
UUG	UCUUUC	A UGUAGUAAGC ACGAUCACGG CGACUAUGAA AAGA	44
(2)	INFORM	MATION FOR SEQ ID NO:246: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:246:	
AGAGCUAGUU CUUGUUUAAG ACACGAUCAC GGUCUAUGAA AGA	43
(2) INFORMATION FOR SEQ ID NO:247: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:247:	
ACGAGAUUUA UUUAGAUGUC ACGAUCACGG GCACCUAUGA AAGA	44
(2) INFORMATION FOR SEQ ID NO:248: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:248:	
UAAUUGAUAC UUGCAGAGGA UCACCCUGCU CGAUCUAUGA AAGA	44
(2) INFORMATION FOR SEQ ID NO:249: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:249:	
AGAGGACUCA UUAGAGGAUC ACCCUAGUGC GGUCUAUGAA AGA	43
(2) INFORMATION FOR SEQ ID NO:250: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:250:	
GAGAUAUCAU AAUUCAUUGU UGAGCAUCAG CCAUCUAUGA AAGA	44

	RMATION FOR SEQ ID NO:251: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:251:	
UGUAUAGAG	GC AUCAGCCUAU ACAUUGCGUG GCACUAUGAA AGA	43
	RMATION FOR SEQ ID NO:252: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:252:	
GAGAUCAAU	UA GUAAGGACCA UCAGGCCUGG CUAUGAAAGA	40
	RMATION FOR SEQ ID NO:253: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)) SEQUENCE DESCRIPTION: SEQ ID NO:253:	
UGAGAUAU	CU CUAUAGUGUG GAGCAUCAGC CCAUCUAUGA AAGA	44
	RMATION FOR SEQ ID NO:254: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)) SEQUENCE DESCRIPTION: SEQ ID NO:254:	
AUGAGAUAG	GA UCAUGCUCAG GAUCACCGGG CUAUGAAAGA	40
(2) INFOR	RMATION FOR SEQ ID NO:255: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid	

		(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:255:	
AGAG	UAUUCU	U ACAUGAUUUG CAUCAUCUGG GCGUAUGAAA GA	42
(2)		MATION FOR SEQ ID NO:256: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:256:	
GGAU	UUAAUU	C GUCUUUUGAG UGACGAUCAC GCACUAUGAA AGA	43
(2)		MATION FOR SEQ ID NO:257: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:257:	
AUUG	GCGUAA	U GUUACCAUCA GGAACACCGC GUAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:258: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:258:	
GAGI	JAAGAU.	A GCAUCAGCAU CUUGUUCCCG CCAUCUAUGA AAGA	44
(2)	INFOR (i)	MATION FOR SEQ ID NO:259: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(vi)	SPOURNCE DESCRIPTION: SEO ID NO:259:	

(C) STRANDEDNESS: single

GCGUU	JAAUUU	J GGAUUAUAGA UCACCAACAG GGACCUAUGA AAGA	±4
(2) I		MATION FOR SEQ ID NO:260: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:260:	
GAGAU	JGUUUA	A GUACUUCAGC CACCAACAGG GGUCUAUGAA AGA	13
(2) I		MATION FOR SEQ ID NO:261: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:261:	
GUCAU	JACUCU	J CUUUGUNNUG CACCAACAGG GCAUCUAUGA AAGA	14
(2)]		MATION FOR SEQ ID NO:262: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:262:	
AUAGU	JAGAGO	G AACACCCUAC UAAGUCCCCG CCACUAUGAA AGA	43
(2)]	INFORM	MATION FOR SEQ ID NO:263: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:263:	
CAAC	AGAGAU	U GAUAUCAGGA UGAGGACCAC CCAUCUAUGA GGA	43
(2)		MATION FOR SEQ ID NO:264:	

		(A) LENGTH: 44 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:264:	
AGAU	JUAAUAU	U CUCCUCUUGA UGAGCACCAG CCAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:265: SEQUENCE CHARACTERISTICS: (A) LENGTH: 44 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:265:	
UAG	AGAUAU	G AGAUAGUUGC ACCACCAGGG UGAUCUAUGA AAGA	44
(2)		MATION FOR SEQ ID NO:266: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:266:	
AUAI	UAGGAG	A UAUUGUAGUC ACGAGCACGG GCUAUGAAAG A	41
(2)		MATION FOR SEQ ID NO:267: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:267:	
UGC	GUCACU	U AUUGGAACUC UGGGUGGCAC UAUGAAAGA	39
(2)		MATION FOR SEQ ID NO:268: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:268:	
CUGGA	GGAGA	UUGUGUAAUC GCUUGAACUC CACUAUGAAA GA	42
(2) 1		MATION FOR SEQ ID NO:269: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:269:	
TCAAC	SATGAA	GATACAGCTC CAGATGCTGG ACACATCT	38
(2)]		MATION FOR SEQ ID NO:270: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:270:	
TCAAC	GGAT	B AAGATACAGC TCTAGATGCT GGACACATCT	40
(2)	INFORM	MATION FOR SEQ ID NO:271: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:271:	
TCAA	GAGAT	GAAGATACAG CTCTAGATGC TGGACACATC T	41
(2)		MATION FOR SEQ ID NO:272: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:272:	
max x a	70070	N THEN A CHATTER A CHATTER CATE CATE CATE CATE	42

(2)		MATION FOR SEQ ID NO:273: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:273:	
TCAA	AGGAGA'	T GAAGATACAG CTCTGGATGC TGGACACATC T	41
(2)		MATION FOR SEQ ID NO:274: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:274:	
TCA	AGCTTG	A GATACAGATT TCTGATTCTG GCTCGCTATC T	41
(2)		MATION FOR SEQ ID NO:275: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:275:	
TCA	AGATGG	A CTCGGTATCA AACGACCTTG AGACACATCT	40
(2)		MATION FOR SEQ ID NO:276: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:276:	
TCAA	GATGG	A CTCGGTATCA AACGGCCTTG AGACACATCT	40
(2)		MATION FOR SEQ ID NO:277: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: pucleic acid	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:277:	
TCA	AGATGG	C TGG	AGATACA AACTATTTGG CTCGCCATCT	40
(2)		SEQU (A)	ON FOR SEQ ID NO:278: VENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	JENCE DESCRIPTION: SEQ ID NO:278:	
TCA	AGATGG	C TGG	AGATACA AAACTATTTG GCTCGCCATC T	41
(2)		SEQU (A) (B) (C)	ON FOR SEQ ID NO:279: VENCE CHARACTERISTICS: LENGTH: 40 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:279:	
TCA	AGATGG	C TGG	AGATACA AACTGTTTGG CTCGCCATCT	40
(2)		SEQU (A) (B) (C)	ON FOR SEQ ID NO:280: JENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	VENCE DESCRIPTION: SEQ ID NO:280:	
TCA	AGAAGC	C TTG	AGATACA CTATATAGTG GACCGGCATC T	41
(2)	(i)	SEQU (A) (B) (C) (D)	ON FOR SEQ ID NO:281: JENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SECH	TENCE DESCRIPTION: SEC ID NO:281:	

TCAA	GGGTG	C ATTGAGAAAC ACGTTTGTGG ACTCTGTATC T	41
(2)		MATION FOR SEQ ID NO:282: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:282:	
TCAA	GAGTG	C ATTGAGAAAC ACGTTTGTGG ACTCGGTGAT CT	42
(2)		MATION FOR SEQ ID NO:283: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:283:	
TCA	AGAGCG	A AGATACAGAA GACAATACTG GACACGCATC T	41
(2)		MATION FOR SEQ ID NO:284: SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:284:	
TCA	AGAGCG.	A AGATACAGAA GACAATACTG GACACACTAT CT	42
(2)	INFOR	MATION FOR SEQ ID NO:285: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:285:	
TCA	AGGGGA	C TCTTTTCAAT GATCCTTTAA CCAGTCGATC T	41
(2)		MATION FOR SEQ ID NO:286:	

		(A) LENGTH: 41 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:286:	
TCA	AGAAGA(G ACATTCGAAT GATCCCTTAA CCGGTTGATC T	41
(2)		MATION FOR SEQ ID NO:287: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:287:	
TCA	AGAAGA	G ACACTCGAAT GATCCCTTAA CCGGTTGATC T	41
(2)		MATION FOR SEQ ID NO:288: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:288:	
TCA	AGCACG(C ATGACACAGA TAAACTGGAC TACGTGCATC T	41
(2)		MATION FOR SEQ ID NO:289: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:289:	
TCA	AGACAC	C TTGAGGTACT CTTAACAGGC TCGGTGATCT	40
(2)		MATION FOR SEQ ID NO:290: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:290:	
TCAAGTTGAG ATACCTGAAC TTGGGACTCC TTGGTTGATC T	41
(2) INFORMATION FOR SEQ ID NO:291: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 42 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:291:	
TCAAGGGATC TTGAGATACA CACGAATGAG TGGACTCGAT CT	42
(2) INFORMATION FOR SEQ ID NO:292: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:292:	
TCAAGATCGA ATTGAGAAAC ACTAACTGGC CTCTTTGATC T	41
(2) INFORMATION FOR SEQ ID NO:293: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:293:	
TCAAGGCAGC AGATACAGGA TATACTGGAC ACTGCCGATC T	41
(2) INFORMATION FOR SEQ ID NO:294: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:294:	
TCAAGGGATA TAACGAGTGA TCCAGGTAAC TCTGTTGATC T	41

(2)		MATION FOR SEQ ID NO:295: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:295:	
TCA	AGGTGG	A TTTGAGATAC ACGGAAGTGG ACTCTCCATC T	41
(2)		MATION FOR SEQ ID NO:296: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:296:	
TCA	AGAGAT	A ATACAATGAT CCTGCTCACT ACAGTTGATC T	41
(2)		MATION FOR SEQ ID NO:297: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:297:	
TCA	AGGGAG	G TATACAGAAT GATCCGGTTG CTCGTTGATC T	41
(2)		MATION FOR SEQ ID NO:298: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:298:	
TCA	AGAGAA	G AATAGTTGAA ACAGATCAAA CCTGGACATC T	41
(2)	INFOR	MATION FOR SEQ ID NO: 299: SEQUENCE CHARACTERISTICS: (A) LENGTH: 46 nucleotides (B) TYPE: nucleic acid	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:299:	
AAG	GGAUCU	J GAG.	AUACACA CGAAUGAGUG GACUCGAUCU AUGAAA	46
(2)		SEQU (A) (B)	N FOR SEQ ID NO:300: ENCE CHARACTERISTICS: LENGTH: 42 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:300:	
AGGI	UGGAUUT	J GAG.	AUACACG GAAGUGGACU CUCCAUCUAU GA	42
(2)		SEQU (A) (B) (C)	N FOR SEQ ID NO:301: ENCE CHARACTERISTICS: LENGTH: 42 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU:	ENCE DESCRIPTION: SEQ ID NO:301:	
AGG	GUGCAU	J GAG	AAACACG UUUGUGGACU CUGUAUCUAU GA	42
(2)		SEQU (A) (B) (C)	N FOR SEQ ID NO:302: ENCE CHARACTERISTICS: LENGTH: 37 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO:302:	
CGA	CCUUGA	G ACA	CAUCUAG AUGGACUCGG UAUCAAA	37
(2)		SEQU: (A) (B) (C)	N FOR SEQ ID NO:303: ENCE CHARACTERISTICS: LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEOU	ENCE DESCRIPTION: SEC ID NO.303:	

AGA	JCGAAU	J GAGAAACACU AACUGGCCUC UUUGAUCUAU G	41
(2)		MATION FOR SEQ ID NO:304: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:304:	
CAAU	JCAAGUT	J GAGAUACCUG AACUUGGGAC UCCUUGGUUG AUC	43
(2)		MATION FOR SEQ ID NO:305: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:305:	
AAGA	AUGGCU	G GAGAUACAAA ACUAUUUGGC UCGCCAUCUA UGA	43
(2)		MATION FOR SEQ ID NO:306: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:306:	
AAG	GAAGCCI	JU GAGAUACACU AUAUAGUGGA CCGGCAUCUA UGA	43
(2)	INFORM	MATION FOR SEQ ID NO:307: SEQUENCE CHARACTERISTICS: (A) LENGTH: 47 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:307:	
AAU	CAAGCU	J GAGAUACAGA UUUCUGAUUC UGGCUCGCUA UCUAUGA	47
(2)	INFORM	MATION FOR SEQ ID NO:308: SEQUENCE CHARACTERISTICS:	

	(B) (C)	LENGTH: 41 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
(xi) SEÇ	QUENCE DESCRIPTION: SEQ ID NO:308:	
AAGACA	CCUU GA	AGGUACUCU UAACAGGCUC GGUGAUCUAU G	41
	(i) SEQ (A) (B) (C)	ION FOR SEQ ID NO:309: QUENCE CHARACTERISTICS: LENGTH: 45 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
((xi) SEÇ	QUENCE DESCRIPTION: SEQ ID NO:309:	
UCAAGG	SAGAU GA	AAGAUACAG CUCUAGAUGC UGGACACAUC UAUGA	45
	(i) SE((A) (B) (C)	ION FOR SEQ ID NO:310: QUENCE CHARACTERISTICS: LENGTH: 45 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
((xi) SEÇ	QUENCE DESCRIPTION: SEQ ID NO:310:	
AAUCAA	AGAGC GA	AAGAUACAG AAGACAAUAC UGGACACGCA UCUAU	45
	(i) SE((A) (B) (C)	ION FOR SEQ ID NO:311: QUENCE CHARACTERISTICS: LENGTH: 42 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
((xi) SE(QUENCE DESCRIPTION: SEQ ID NO:311:	
AAUCAA	AGGCA GO	CAGAUACAG GAUAUACUGG ACACUGCCGA UC	42
	(i) SE((A) (B) (C)	ION FOR SEQ ID NO:312: QUENCE CHARACTERISTICS:) LENGTH: 43 nucleotides) TYPE: nucleic acid) STRANDEDNESS: single	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:312:	
GAG	AAGAAU	A GUUGAAACAG AUCAAACCUG GACAUCUAUG AAA	43
(2)		MATION FOR SEQ ID NO:313: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:313:	
AUC	AAGCAC	G CAUGACACAG AUAAACUGGA CUACGUGCAU C	41
(2)		MATION FOR SEQ ID NO:314: SEQUENCE CHARACTERISTICS: (A) LENGTH: 67 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:314:	
		G AUAAUACAAU GAUCCUGCUC ACUACAGUUG AUCUAUGAAA A UCUCUAU	50 67
(2)		MATION FOR SEQ ID NO:315: SEQUENCE CHARACTERISTICS: (A) LENGTH: 64 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:315:	
		G ACAUUCGAAU GAUCCCUUAA CCGGUUGAUC UAUGAAAGAA U CUAU	50 64
(2)		MATION FOR SEQ ID NO:316: SEQUENCE CHARACTERISTICS: (A) LENGTH: 64 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(vi)	SECTIFICE DESCRIPTION: SEC ID NO.316.	

		J CUAU	50 64
(2)		MATION FOR SEQ ID NO:317: SEQUENCE CHARACTERISTICS: (A) LENGTH: 64 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:317:	
	JAUAUCI	G UAUACAGAAU GAUCCGGUUG CUCGUUGAUC UAUGAAAGAA U CUAU 54	50 64
(2)	INFORI (i)	MATION FOR SEQ ID NO:318: SEQUENCE CHARACTERISTICS: (A) LENGTH: 66 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:318:	
		A UAUAACGAGU GAUCCAGGUA ACUCUGUUGA UCUAUGAAAG U CUCUAU 66	50 66
(2)	INFORI	MATION FOR SEQ ID NO:319: SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:319:	
GGA	JCUUGA	G AUACACAGA AUGAGUGGAC UCGAUCU	37
(2)	INFOR	MATION FOR SEQ ID NO:320: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:320:	
CAAUCAAGU	U GAGAUACCUG AACUUGGGAC UCCUUGGUUG	40
	MATION FOR SEQ ID NO:321: SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:321:	
GGGUGCAUU	IG AGAAACACGU UUGUGGACUC UGUAUCU	37
	MATION FOR SEQ ID NO:322: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:322:	
ACCUUGAGA	AC ACAUCUAGAU GGACUCGGU	29
(2) INFOR	RMATION FOR SEQ ID NO:323: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:323:	
AGAUCGAAU	JU GAGAAACACU AACUGGCCUC UUUGAUCU	38
	RMATION FOR SEQ ID NO:324: SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:324:	
л ССІПІСЛСТ	NII NONGNIHHICII GNIHICIIGGCII CGCII	34

(2)		SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:325:	
CAC	CUUGAG	G UACUCUUAAC AGGCUCGGUG	30
(2)		MATION FOR SEQ ID NO:326: SEQUENCE CHARACTERISTICS: (A) LENGTH: 37 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:326:	
AGA	JGGCUG	G AGAUACAAAC UAUUUGGCUC GCCAUCU	37
(2)		MATION FOR SEQ ID NO:327: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:327:	
AGA	AGCCUU	G AGAUACACUA UAUAGUGGAC CGGCAUCU	38
(2)		MATION FOR SEQ ID NO:328: SEQUENCE CHARACTERISTICS: (A) LENGTH: 38 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:328:	
AGG	UGGAUU	U GAGAUACACG GAAGUGGACU CUCCAUCU	38
(2)	INFOR	MATION FOR SEQ ID NO:329: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid	

			STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO):329:
AGAI	JGAAGA	J ACA	GCUCUAG AUGCUGGACA CAUCU	35
(2)		SEQU (A) (B) (C)	N FOR SEQ ID NO:330: ENCE CHARACTERISTICS: LENGTH: 38 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU:	ENCE DESCRIPTION: SEQ ID NO):330:
AGA	GCGAAG?	A UAC	AGAAGAC AAUACUGGAC ACGCAUCU	38
(2)		SEQUI (A) (B) (C)	N FOR SEQ ID NO:331: ENCE CHARACTERISTICS: LENGTH: 32 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQU	ENCE DESCRIPTION: SEQ ID NO):331:
GGC	AGCAGAU	J ACA	GGAUAUA CUGGACACUG CC	32
(2)		SEQUI (A) (B) (C)	FOR SEQ ID NO:332: ENCE CHARACTERISTICS: LENGTH: 32 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO):332:
AUA	GUUGAA	A CAG	UCAAAC CUGGACAUCU AU	32
(2)		SEQUI (A) (B) (C)	FOR SEQ ID NO:333: ENCE CHARACTERISTICS: LENGTH: 33 nucleotides TYPE: nucleic acid STRANDEDNESS: single TOPOLOGY: linear	
	(xi)	SEQUI	ENCE DESCRIPTION: SEQ ID NO	9:333:

GCA	LGCAUGA	A CACAGAUAAA CUGGACUACG UGC	33
(2)		MATION FOR SEQ ID NO:334: SEQUENCE CHARACTERISTICS: (A) LENGTH: 28 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:334:	
GAC	GCUGAC	G GUACAUGGGC GCAGCGUC	28
(2)		MATION FOR SEQ ID NO:335: SEQUENCE CHARACTERISTICS: (A) LENGTH: 43 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:335:	
GGG	ACCCUU	G AGAUACACGG CUUCGGCCGU GGACUCGGGU CUC	43
(2)		MATION FOR SEQ ID NO:336: SEQUENCE CHARACTERISTICS: (A) LENGTH: 28 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:336	
NNN	GAGCCUZ	A GCAACCUGGG CUAGGAAU	28
(2)	INFORM	MATION FOR SEQ ID NO:337: SEQUENCE CHARACTERISTICS: (A) LENGTH: 27 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ix)	<pre>FEATURE: (A) NAME/KEY: N (B) LOCATION: 7-12 (D) OTHER INFORMATION: This symbol stands for the complimentary base for the Y's located in positions 22-27</pre>	

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:337:	
UUC	CGANNNI	NNACGGGANA AYYYYYY	27
(2)		MATION FOR SEQ ID NO:338: SEQUENCE CHARACTERISTICS: (A) LENGTH: 15 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:338:	
NNC	ACCAUC	AGGGNN	15
(2)	INFORM	MATION FOR SEQ ID NO:339: SEQUENCE CHARACTERISTICS: (A) LENGTH: 17 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:339:	
GAG	CGCAAGA	A CGAAUAG	17
(2)	(i)	MATION FOR SEQ ID NO:340: SEQUENCE CHARACTERISTICS: (A) LENGTH: 12 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO:340:	
UAA	GGAGGC	: AC	12
(2)	INFORM	MATION FOR SEQ ID NO:341: SEQUENCE CHARACTERISTICS: (A) LENGTH: 34 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ix)	FEATURE: (A) NAME/KEY: N (B) LOCATION: 6 AND 18 (D) OTHER INFORMATION: This symbol stands	for A or U

	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:341:	
NNYF	RSNGAC	A CGAANNCNSY RNGGAACNNU CGNN	34
(2)	INFORM	MATION FOR SEQ ID NO:342: SEQUENCE CHARACTERISTICS: (A) LENGTH: 29 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ix)	<pre>FEATURE: (A) NAME/KEY: N (B) LOCATION: 1-5, 16 (D) OTHER INFORMATION: This symbol stands for the complimentary base for the Y's located at positions 17, and 25-29</pre>	
		(xi) SEQUENCE DESCRIPTION: SEQ ID NO:342:	
NNN	NUUGA	G ANACANYUGG ACUCYYYYY	29
(2)	INFORM	MATION FOR SEQ ID NO:343: SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ix)	<pre>FEATURE: (A) NAME/KEY: N (B) LOCATION: 1-4 (D) OTHER INFORMATION: This symbol stands for the complimentary base for the Y's located in positions 22-25</pre>	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:343:	
NNNI	NGNNGAI	N ACAGCUGGAC ACYYYY	26
(2)	INFORI	MATION FOR SEQ ID NO:344: SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(vi)	SECUENCE DESCRIPTION: SEC ID NO:344:	

UUCGAAUGAU CCCUUAACCG GUUGAUCUAU GAA	33
(2) INFORMATION FOR SEQ ID NO:345: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 51 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:345:	
UAAUAUAUCA AGAGCCUAAU AACUCGGGCU AUAAACUAAG GAAUAUCUAU G	50 51
(2) INFORMATION FOR SEQ ID NO:346: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:346:	
GAGCCUNNNN NNNNGGGCUA	20
(2) INFORMATION FOR SEQ ID NO:347: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:347:	
GAGCCUARYA ACYYGGGCUA	20
(2) INFORMATION FOR SEQ ID NO:348: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:348:	
GAGCCUAAUA ACUCGGGCUA	20

(2)		SEQUENCE CHARACTERISTICS: (A) LENGTH: 20 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:349:	
GAG	CCUAGC	A ACCUGGGCUA	20
(2)		MATION FOR SEQ ID NO:350: SEQUENCE CHARACTERISTICS: (A) LENGTH: 73 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:350:	
		T CACTATAGGG AGCATCAGAC TTTTAATCTG ACAATCAAGA G AATTTTATAT CTC	50 73
(2)		MATION FOR SEQ ID NO:351: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:351:	
TCA	GATTAA	A AGTCTGATGC TCCCTATAGT GAGTCGTATT A	41
(2)	INFOR	MATION FOR SEQ ID NO:352: SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:352:	
CCG	GATCCG	T TTCAATAGAG ATATAAAATT C	31
(2)	INFOR	MATION FOR SEQ ID NO:353: SEQUENCE CHARACTERISTICS:	

(A) LENGTH: 50 nucleotides(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:353:	
TTTCATAGAT NNNNNNNNN NNNNNNNNNN NNCTTGATTG	50
(2) INFORMATION FOR SEQ ID NO:354: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 105 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:354:	
GGGAGCAUCA GACUUUUAAU CUGACAAUCA AGNNNNNNNN NNNNNNNNNN NNNNNNNNN NNNNAUCUAU GAAAGAAUUU UAUAUCUCUA UUGAAACGGA UCCGG	50 100 105
(2) INFORMATION FOR SEQ ID NO:355: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:355:	
UCAAGAAUUC CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
(2) INFORMATION FOR SEQ ID NO:356: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) SEQUENCE DESCRIPTION: SEQ ID NO:356:	
ucaagAAUAU CUUCCGAAGC CGAACGGGAA AACCGGCAUC U	41
(2) INFORMATION FOR SEQ ID NO:357: (i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 pucleotides	

		(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:357:	
UCAA	GAAUAU	J CUUCCGAGGC CGAACGGGAA AACCGACAUC U	41
(2)		MATION FOR SEQ ID NO:358: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:358:	
UCAA	\GGGCA(J CUGGGAGGU AAGGGUAAGG UUGUCGGAUC U	41
(2)		MATION FOR SEQ ID NO:359: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:359:	
UCAA	GAAUA	J AUCCGAACUC GACGGGAUAA CGAGAAGAUC U	41
(2)		MATION FOR SEQ ID NO:360: SEQUENCE CHARACTERISTICS: (A) LENGTH: 39 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:360:	
UCAA	AGUACCI	U AGGUGAUAAA AGGGAGAACA CGUGUGACU	39
(2)		MATION FOR SEQ ID NO:361: SEQUENCE CHARACTERISTICS: (A) LENGTH: 41 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	

(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:361:	
UCAAGACAGU	AUCCGUUCUU GAUCAUCGGG ACAAAUGAUC U	41
(i) S	ATION FOR SEQ ID NO:362: SEQUENCE CHARACTERISTICS: (A) LENGTH: 40 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:362:	
UCAAGAAUUC	CGUUUUCAGU CGGGAAAAAC UGAACAAUCU	40
(i) S	ATION FOR SEQ ID NO:363: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:363:	
AGUCGGGAAA	AACUGAACAA UCUAUGAAAG	30
(i) S	ATION FOR SEQ ID NO:364: SEQUENCE CHARACTERISTICS: (A) LENGTH: 30 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:364:	
GCCGAACGGG	AAAACCGGCA UCUAUGAAAG	30
(i)	ATION FOR SEQ ID NO:365: SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:365:	
CAAUCAAGAA	UUCCGUUUUC AGUCG	25

(2)		MATION FOR SEQ ID NO:366: SEQUENCE CHARACTERISTICS: (A) LENGTH: 25 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:366:	
AAGA	ÁUAUCU	J UCCGAAGCCG AACGG	25
(2)		MATION FOR SEQ ID NO:367: SEQUENCE CHARACTERISTICS: (A) LENGTH: 23 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:367:	
NNN	RNNCAC	C AUCAGGGNNY NNN	23
(2)		MATION FOR SEQ ID NO:368: SEQUENCE CHARACTERISTICS: (A) LENGTH: 35 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:368:	
AGA	UGAAGA	U ACAGCUCUAG AUGCUGGACA CAUCU	35
(2)	INFOR	MATION FOR SEQ ID NO:369: SEQUENCE CHARACTERISTICS: (A) LENGTH: 33 nucleotides (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(xi)	SEQUENCE DESCRIPTION: SEQ ID NO:369:	
UUC	GAAUGA	U CCCUUAACCG GUUGAUCUAU GAA	33
(2)	INFOR (i)	MATION FOR SEQ ID NO:370: SEQUENCE CHARACTERISTICS: (A) LENGTH: 31 nucleotides (B) TYPE: nucleic acid	

			STRANDEDNE TOPOLOGY:		gle				
	(xi)	SEQUE	ENCE DESCRI	PTION:	SEQ I	D N	0:370:		
UGG	GCGCAG	C GUCA	AUGACG CUC	SACGGUAC	' A				31
(2)		SEQUE (A) (B) (C)	FOR SEQ DENCE CHARACTERS INCEINGTH: 16 TYPE: nuclear STRANDEDNE TOPOLOGY:	TERISTI nucleo eic aci ESS: sin	CS: tides d				
	(xi)	SEQUE	ENCE DESCRI	PTION:	SEQ I	D N	iO:371:		
NNNI	NNUKGA	G RHAC	CHN						16
(2)		SEQUE (A) (B) (C)	FOR SEQ 1 ENCE CHARAC LENGTH: 13 TYPE: nucl STRANDEDNE TOPOLOGY:	CTERISTI nucleo eic aci ESS: sin	CS: tides d				
	(xi)	SEQUE	ENCE DESCRI	PTION:	SEQ I	D N	10:372:		
NDG	GMCUCNI	NNN I							13
(2)		SEQUE (A) (B) (C)	N FOR SEQ DENCE CHARACTERS TYPE: nuclease STRANDEDNE TOPOLOGY:	CTERISTI I nucleo Leic aci ESS: sin	CS: otides				
	(xi)	SEQUE	ENCE DESCRI	PTION:	SEQ I	D N	10:373:		
NNNI	NGHWGAI	H ACAC	3						14
(2)		SEQUE (A) (B) (C)	FOR SEQ TO THE SEQ TO THE SEQUENCE OF THE SEQU	CTERISTI Pucleo Leic aci ESS: sin	CS: tides .d	1			

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:374:

CUGGACACNN NN 12